

OPTICAL TRANSCEIVER MODULE WITH POWER INTEGRATED CIRCUIT

ABSTRACT OF THE DISCLOSURE

The optical transceiver module includes a housing and a plurality of components disposed at least partially within the housing. The components include an optical transmitter, an optical receiver, and a power controller integrated circuit (IC). The power controller IC is electrically coupled to at least one of the plurality of components. The power controller IC is configured to perform power supply functions for the optical transceiver module. Also, the power controller IC includes multiple voltage regulators providing power to the components at two or more voltages.